

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**CONFIDENTIAL**

Operator: License # 32294  
Name: Osborn Energy, L.L.C.  
Address: 24850 Farley  
City/State/Zip: Bucyrus, Kansas 66013  
Purchaser: Akawa Natural Gas, L.L.C.  
Operator Contact Person: Steve Allee  
Phone: (913) 533-9900  
Contractor: Name: Suzie Glaze  
License: 5885  
Wellsite Geologist: Rex Ashlock

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Top. A  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Casing, etc.)  
If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
4/1/2003 4/2/2003 waiting on completion  
Spud Date or 4/1/2003 Date Reached TD 4/2/2003 Completion Date or  
Recompletion Date waiting on completion Recompletion Date

API No. 15 - 121-27688-0000  
County: Miami  
NE SW NE Sec. 5 Twp. 16 S. R. 25  East  West  
3,600 feet from (S) N (circle one) Line of Section  
1,710 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Truman Investors, L.L.C. Well #: 7-5-16-25  
Field Name: Louisburg  
Producing Formation: Pawnee  
Elevation: Ground: 1,072 Kelly Bushing: N/A  
Total Depth: 640' Plug Back Total Depth: N/A  
Amount of Surface Pipe Set and Cemented at 20 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set N/A Feet  
If Alternate II completion, cement circulated from 637  
feet depth to surface w/ 105 sx cmt.

Drilling Fluid Management Plan ALT II W/WH  
(Data must be collected from the Reserve Pit) 2-12-03  
Chloride content N/A ppm Fluid volume 500+/- bbls  
Dewatering method used evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ East West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]  
Title: Geologist Date: 7-24-03  
Subscribed and sworn to before me this 24 day of July  
2003  
Notary Public: [Signature]  
Date Commission Expires: 12/17/2005

STATE OF KANSAS  
MY ARMY PUBLIC  
DARLINE LOTT  
My Appt. Exp. 12/17/05

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Osborn Energy, L.L.C. Lease Name: Tuman Investors, LLC Well #: 7-5-16-25  
 Sec. 5 Twp. 16 S. R. 25  East  West County: Miami

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)  
 List All E. Logs Run:

**Gamma Ray Neutron Log**

Log Formation (Top), Depth and Datum Sample  
 Name Top Datum

**Drillers Log Attached**  
**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**JUL 28 2003**  
 CONSERVATION DIVISION  
 WICHITA, KS

CASING RECORD							
				New	Used		
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	11 1/4"	9 5/8"		20'	Regular	5	None
Production	7 7/8"	5 1/2"	15.5	637'	40/60 Poz	105	2% gel, 5% salt
							5% gel & 1/4lb. flo

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth
4	537' - 541'	100 gal 15% HCl		537'-541'
		46 sx 12/20 & 40 sx 20/40 sand		537'-541'

TUBING RECORD	Size	Set At	Packer At	Liner Run	
				Yes	No

Date of First, Resumed Production, SWD or Enhr.	Producing Method				
	Flowing	Pumping	Gas Lift	Other (Explain)	
Waiting on completion	N/A				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	N/A	N/A	N/A		N/A

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) SIGW  
 Production Interval: \_\_\_\_\_

JUL 28 2003

**Drillers Log**

CONSERVATION DIVISION  
WICHITA, KS

**Truman Investors, LLC #7-5-16-25**

3600 FSL, 1710 FEL (N 38° 41.326', W 94° 39.791')

Section 5-T16S-R25E

Miami, Co. Kansas

API #15-121-27688

Elevation: 1072 GL (est. from Topo. Map)

Drilling Contractor: Glaze Drilling Co. (Lic. #5885)

Spud: 4/1/2003

Surface: 11 1/4" bore hole, set 20' of 9 5/8" csg. cmt'd with 5 sx

Production bore hole: 7 7/8"

Rotary Total Depth: 640' on 4/2/03

Drilling fluid: Air

E-Log Total Depth: No Open Hole Run (Cased hole GR-N & Bond 5/19/03)

Production Csg.: Used 5 1/2" 15.50#/ft., set at 639'

<u>Formation</u>	<u>Driller Log Tops</u>	<u>E-Log Tops</u>	<u>Datum</u>
Stark Shale	262	265	807
Hushpuckney Shale	290	293	779
Base Kansas City	308	310	762
Mound City Shale Zone	No Call	310	762
"Upper" Knobtown Sand Zone	Poorly Developed	314	758
"Middle" Knobtown Sand Zone	338 (Sand)	336	736
"Lower" Knobtown Sand Zone	Poorly Developed	364	708
Carbonaceous Zone in Tacket Fm.	No Call	413	659
"Big Lake" Sand Zone	Poorly Developed	416	656
South Mound Zone	465	468	604
Hepler (Wayside) Sand	Not Developed	----	----
"Upper" Mulberry Zone	No Call	494	578
Mulberry Zone	No Call	502	578
Laberdie Limestone	No Call	507	565
Weiser Sand	Poorly Developed	517	555
Myrick Station	532	533	539
Anna Shale (Lexington Coal Zone)	535	537	535
Peru Sand	Poorly Developed	540	532
Summit Shale Zone	575	576	496
Mulky Coal/Shale Zone	597	599	473
Squirrel Sand	Not developed as of TD	604 (Zone)	468
Rotary Total Depth	640	----	432

CONSOLIDATED OIL WELL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
316-431-9210 OR 800-467-8676

JUL 28 2003

TICKET NUMBER **20968**  
LOCATION Ottawa  
FOREMAN Alan Mader

CONSERVATION DIVISION  
TREATMENT REPORT

1 of 3 wells

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
4-28-03	6073	Truman 2-5-16-25		5	16	25	Mi	
CHARGE TO <u>Osborn Energy h/c</u>				OWNER				
MAILING ADDRESS <u>24850 Farley</u>				OPERATOR				
CITY <u>Bucyrus</u>				CONTRACTOR <u>Brian</u>				
STATE <u>KS</u>		ZIP CODE <u>66013</u>		DISTANCE TO LOCATION <u>40 mile</u>				
TIME ARRIVED ON LOCATION <u>9:30 AM</u>				TIME LEFT LOCATION <u>12:00 PM</u>				

WELL DATA	
HOLE SIZE	<u>7 7/8 x 4 1/2</u>
TOTAL DEPTH	
CASING SIZE	<u>5 1/2</u>
CASING DEPTH	<u>637</u>
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS	
	THEORETICAL
SURFACE PIPE	
ANNULUS LONG STRING	
TUBING	

INSTRUCTION PRIOR TO JOB  
386 A Mader 144 G lease  
164 H Reed 195 M site

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Washed down 1 joint of casing. Mixed & pumped 4sx gel to flush hole. Mixed & pumped 10 1/2 bbl dye marker followed by 105 sx 40/60 Per, 5% gel, 5% salt 2% gel, 1/4# flo seal. Circulated dye to surface. Flushed pump clean. Pumped 5 1/2 rubber plug to TD of casing. Checked depth with wireline. Circulated cement to surface. Well tried to jack.

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	

AUTHORIZATION TO PROCEED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

183766  
Ravin 1259

**CONSOLIDATED OIL WELL SERVICES, INC**  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER **28318**  
 LOCATION **Chanute**  
 FOREMAN **Danny**

**TREATMENT REPORT**

Truman, Jim

DATE	CUSTOMER #	WELL NAME	FORMATION
5-21-03		7-5-1023	Monston
SECTION	TOWNSHIP	RANGE	COUNTY
5	16	25	Mon
CUSTOMER			
MAILING ADDRESS			
CITY			
STATE		ZIP CODE	
TIME ARRIVED ON LOCATION 8:50			

RECEIVED  
**JUL 28 2003**  
 CONSERVATION DIVISION  
 WICHITA, KS

TRUCK #	DRIVER	TRUCK #	DRIVER
385	Danny		
224	Joe		

**TYPE OF TREATMENT**

<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISP. PUMP	<input type="checkbox"/>
<input type="checkbox"/> OTHER	<input type="checkbox"/>

**PRESSURE LIMITATIONS**

	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

**WELL DATA**

HOLE SIZE	PACKER DEPTH
TOTAL DEPTH	PERFORATIONS 537 41
	SHOTS/FT 17
CASING SIZE 5/8	OPEN HOLE
CASING DEPTH	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA	

INSTRUCTION PRIOR TO JOB Spot 50 gal Breakdown 1550 Stage twice drop 21 Ball to 100 gal  
at 5 bpm release balls flush 20 BBLs. 1510 175 psi

AUTHORIZATION TO PROCEED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

TIME AM / PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
						1550	BREAKDOWN PRESSURE
							DISPLACEMENT
							MIX PRESSURE
						175	MIN PRESSURE
							ISIP
							15 MIN.
						5	MAX RATE
							MIN RATE

Handwritten notes at the bottom of the page.

CONSOLIDATED OIL WELL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

JUL 28 2003

TICKET NUMBER 28372  
LOCATION Chanute  
FOREMAN Darryl

CONSERVATION DIVISION  
WICHITA, KS

TREATMENT REPORT

*T.uman Investment*

DATE 5-22-03	CUSTOMER #	WELL NAME 7-5-14-20	FORMATION Lexington
SECTION 5	TOWNSHIP 16	RANGE 20	COUNTY MI
CUSTOMER <i>Osborn Energy</i>			
MAILING ADDRESS			
CITY			
STATE		ZIP CODE	
TIME ARRIVED ON LOCATION			

TRUCK #	DRIVER	TRUCK #	DRIVER
385	Darryl		
381	Frank		
1115	Pat		
304	Chris		
153	Monty		
400	Richy		
401	Larry		
414	George		

WELL DATA	
HOLE SIZE	PACKER DEPTH
TOTAL DEPTH	PERFORATIONS
	SHOTS/FT
CASING SIZE <i>5 1/2</i>	OPEN HOLE
CASING DEPTH	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA <i>5 1/2</i>	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input checked="" type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISP. PUMP	<input type="checkbox"/>
<input type="checkbox"/> OTHER	<input type="checkbox"/>

	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING <i>Casing</i>	<i>4000</i>	<i>3500</i>

INSTRUCTION PRIOR TO JOB ~~3 Bbls~~ Pump Pad 3 Bbls to 13 Bbls start 20/40 21 ppg up to 110 ppg 12/20 1 ppg to 1.25 ppg returned off dump 3 sacks from hopper 10 ft from truck on ground 318 PPG total 4052/40 59 12/20

AUTHORIZATION TO PROCEED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

TIME AM / PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
		26					BREAKDOWN PRESSURE
		9					DISPLACEMENT
		9					MIX PRESSURE
	11	14					MIN PRESSURE
	12	36		10/10 12/20			ISIP <i>245</i>
	12	30	10	25	1		15 MIN. <i>170</i>
		30	24	150	125		MAX RATE <i>14</i>
		14		150			MIN RATE <i>3</i>
		11		100			
		24		1.50			

*318 Bbls used 10" oral system 40M 20/40 46M 12/20*